WAVEFORM GENERATOR 1

FREQUENCY

L V H

FREQ. RANGE

SYNC

OFF

WAVE SHAPE

AM LEVEL

AM BIAS

FM

RAMP 1

TIME

RESET

UP
HOLD
DOWN

RAMP 2

TIME

RESET

UP
HOLD
DOWN

HEIGHT

LEVEL A

LEVEL B

BIAS

WIDTH

LEVEL A

LEVEL B

BIAS

DEPTH

LEVEL A

LEVEL B

BIAS

INTENSITY

LEVEL A

LEVEL B

BIAS

HORIZONTAL

LEVEL A

LEVEL B

BIAS
STICK 2

VERTICAL

LEVEL A

LEVEL B

BIAS
STICK 2

AUDIO INT.

DAMPING

LEVEL

AUDIO IN

EXT. INPUT

IN 1

IN 2

WAVEFORM GENERATOR 2

FREQUENCY

L V H

FREQ. RANGE

SYNC

OFF

WAVE SHAPE

AM LEVEL

AM BIAS

FM

HEIGHT

WIDTH

DEP.

INT.

HORIZONTAL

VERTICAL

A B A B A B A B A B A B

RAMP 2 +
−

RAMP 1 +
−

JOY X +
−

JOY Y +
−

W.G. 1 +
−

+ AUDIO INT.
−

1 EXT. INPUTS
2

+ W.G. 2
−

X

Y

JOYSTICK 1

V

H

JOYSTICK 2

A M F M

W.G. 1

F M A M

W.G. 2

RUTT/ETRA
VIDEO SYNTHESIZER